

## Traffic Records – FY 2015

It is essential for stakeholders to submit data on all traffic crash events in order to analyze problem areas and construct solutions to reduce crashes and prevent fatalities and injuries. This data must be complete, timely, and accurate for efficient traffic safety planning in all program areas.

### Goals:

Decrease fatalities by 20 percent from 936 in 2012 to 750 by December 31, 2016.

Decrease fatalities and incapacitating injuries by 18 percent from 6,612 in 2012 to 5,448 by December 31, 2016.

Decrease the vehicle mileage fatality rate by 14 percent from 1.00 in 2012 to .86 by December 31, 2016.

<b>Task 1: Enforcement Support</b>		<b>\$1,487,000</b>
	<b>Revision 01/13/2015</b>	<b>\$1,517,000</b>
	<b>Revision 11/24/2014</b>	<b>\$1,325,000</b>
	<b>Revision 09/18/2014</b>	<b>\$1,250,000</b>
Section 408 funds		\$ 192,000
Section 405(c) funds		\$1,295,000
	Revision 01/13/2015	\$1,325,000
	Revision 09/18/2014	\$1,250,000

### Traffic Crash Reporting System (TCRS) Modernization and Michigan Traffic Crash Report (UD-10) Revision

Project Number	CP-15-01	
Benefit to Locals	No	
Grantee	OHSP-Special Projects	
Grant Amount, Funding Source	\$845,000 <del>\$875,000</del> 01/13/2015	405(c)
Grant Amount, Funding Source	\$192,000 11/24/2014	408
Grant Start-up	October 1	
SHSP Strategy	Improve timeliness and accuracy of data collection, analysis processes, accessibility, distribution, and systems.	
Project Objective	Enhance the availability, timeliness, and use of traffic crash reports, and other planning data and information through improvements to the traffic crash records system by September 30, 2015.	

The TCRS is a client/server application written in a technology that will soon be out-of-date. As a result, the application needs to be upgraded to an enterprise approved/supported technology. Funding for this project will enhance the availability, timeliness, and use of traffic crash records systems, which in turn assists

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with improved research studies and traffic crash data evaluations. This is the third year of the planned four years for this project.

Funding will support the vendor contractual costs for the building of the TCRS application.

### Traffic Records Data Linkage

Project Number	CP-15-01	
Benefit to Locals	No	
Grantee	OHSP-Special Projects	
Grant Amount, Funding Source	\$100,000	405(c)
Grant Start-up	October 1	
SHSP Strategy	Develop a road map to provide the state with a technical plan to link various traffic records databases together.	
Project Objective	Develop and implement an identified short-term data linkage project with the project manager by September 30, 2015.	

Currently there is not a system or process by which users of multiple databases (such as crash data, judicial warehouse data, emergency medical services data, driver records, vehicle records, etc.) can link to each other for conducting in-depth data analysis for planning and evaluating traffic safety initiatives. Planning continues with this project as the new project manager will develop and implement a short-term data linkage project as the first step in developing a comprehensive data linkage system.

Funding would support the project manager costs, software development, testing, and implementation of data linkages between the appropriate traffic records databases.

### Traffic Crash Reporting Form (UD-10) Training Support and Paper Processing

Project Number	TR-15-02	
Benefit to Locals	No	
Grantee	MSP-CJIC	
Grant Amount, Funding Source	\$150,000 <del>\$ 75,000</del> 09/18/2014	405(c) 405(c)
Grant Start-up	October 1	
SHSP Strategy	Provide highway safety training, technical assistance, funding, and other resources to state and local agencies.	
Project Objective	Improve accuracy of crash data by educating a minimum of ten law enforcement agencies and traffic safety partners throughout Michigan on proper completion of traffic crash reports by September 30, 2015.	

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This project would be a continuation of the FY14 crash training project which provided training to law enforcement recruit schools, motor carrier in-service schools, officer and supervisor training, as well as to civilian employees of law enforcement agencies, and transportation employees.

The trainer will need to provide training, in various mediums, to law enforcement agencies on the current UD-10 crash form, as well as on the revisions that will become effective January 1, 2016.

Funding will support the costs of training supplies, equipment, and travel to the 2015 National Traffic Records Forum.

This project will also include improvements to the traffic crash report (UD-10) paper processing system.

### **TCMS (Traffic Crash Mapping System) Locating Interface**

Project Number	TR-15-02	
Benefit to Locals	No	
Grantee	MSP-CJIC	
Grant Amount, Funding Source	\$200,000	405(c)
Grant Start-up	October 1	
SHSP Strategy	Improve timeliness and accuracy of data collection, analysis processes, accessibility, distribution, and systems.	
Project Objective	Improve accuracy of crash location data by simplifying the mapping/locating interface in the crash reporting system by September 30, 2015.	

Currently, the TCRS attempts to locate crashes based on the officer's description. If the system cannot locate the crash, the crash unit technicians must locate the crashes manually. These methods leave room for inaccurate data and human error. To address this issue, a geographic mapping system (GIS) will be developed, which creates a user interface for the vendors to integrate with their e-crash software programs. The officer could then point and click on a crash location, and the exact geographic data would be uploaded to the TCRS, ensuring accurate location data is collected each time.

Funding will support the contractual vendor costs associated with this project.

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<b>Task 2: Education and Communication</b>	<b>\$350,000</b>
Section 402 funds	\$350,000

### Michigan Traffic Crash Facts

Project Number	TR-15-01	
Benefit to Locals	Yes	
Grantee	University of Michigan Transportation Research Institute	
Grant Amount, Funding Source	\$350,000	402
Grant Start-up	October 1	
SHSP Strategy	Improve timeliness and accuracy of data collection, analysis processes, accessibility, distribution, and systems. Provide highway safety training, technical assistance, funding, and other resources to state and local agencies.	
Project Objective	Produce the 2014 traffic crash data on the Michigan Traffic Crash Facts Web site including reports, profiles, and new data query capabilities by September 30, 2015.	

The University of Michigan Transportation Research Institute (UMTRI) currently manages public traffic records data essential to the traffic safety community in order to identify and plan for traffic safety initiatives. The data is easily accessible on the internet through the web site: [www.michigantrafficcrashfacts.org](http://www.michigantrafficcrashfacts.org).

Funding will continue to support this operation along with possible enhancements and improvements to the site. In addition, funding will support ad hoc data queries and analysis as needed throughout the fiscal year.

<b>Task 3: Evaluation</b>	<b>\$1,741,000</b>
<b>Revision 12/15/2014</b>	<b>\$ <del>5,000</del></b>
Section 405(c) funds	\$1,741,000
Revision 12/15/2014	\$ <del>5,000</del>

### Traffic Records Assessment

Project Number	CP-15-01	
Benefit to Locals	No	
Grantee	OHSP-Special Projects	
Grant Amount, Funding Source	\$5,000	405(c)
Grant Start-up	October 1	
Project Number	TBD	
Benefit to Locals	No	
Grantee	TBD	
Grant Amount, Funding Source	\$1,736,000 12/15/14	405(c)

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Grant Start-up	October 1
SHSP Strategy	Improve timeliness and accuracy of data collection, analysis processes, accessibility, distribution, and systems. Provide highway safety training, technical assistance, funding, and other resources to state and local agencies.
Project Objective	Obtain recommendations to improve Michigan's traffic records program by completing a traffic records assessment by September 30, 2015.

This will provide an opportunity to better understand how traffic records are integral to other safety organizations and allow partnerships between these organizations. It will also promote program improvement by examining recommendations from a large network of traffic safety stakeholders.

Funding will support costs related to the assessment, strategic plan development and program implementation based on the assessment recommendations.

<b>Task 4: Program Management</b>	<b>\$263,000</b>
Section 402 funds	\$263,000

### Program Management

Project Number	CP-15-02	
Benefit to Locals	No	
Grantee	OHSP-Program Management Section	
Grant Amount, Funding Source	\$263,000	402
Grant Start-up	October 1	

Funding will provide for the shared costs of the Program Management team required to implement and manage the OHSP programs.